

**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: June 29, 2012

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Submitted To: Integrys Business Support, LLC (IBS)
Naren M. Prasad, PE

Activity Period: June 17, 2012 through June 23, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

Tasks	Environmental Activities
General Description of Work Performed	<p>The following activities were conducted:</p> <ul style="list-style-type: none"> • Tecnica utilized an on-site truck on June 18 and June 19, 2012 to move material to be amended from Area HA to the amendment pad. • Due to strong odors coming from the material to be amended on the amendment pad, Tecnica and Burns & McDonnell amended 600 yards of material in place on the east and west side of the large City of Chicago sewer. This material was located in Area HA on the west side, and the southwest extent of Area Q, Area R and potential removal area south of Area R on the east side. • Tecnica amended an additional 600 yards of material on the amendment pad later in the week once the high winds subsided and additional personnel were on-site to mitigate odors during the amendment process. • Tecnica initiated excavation in the southwest extent of Area M outside the sheet pile area from 8 ft. to 16 ft. bgs. • Tecnica excavated Area H an additional 4 ft. (to a depth of 14 ft. bgs) because an excavation base sample taken in this area did not meet the criteria for the contaminants of concern (COCs) outlined in the RAWP. The sample results at 14 ft. bgs met objectives. • Tecnica excavated Area J, Area K and the potential removal area south of Area R down to 6 ft. bgs in order to prepare for the excavation of the southern portion of the large City of Chicago sewer.

Tasks	Environmental Activities
General Description of Work Performed (continued)	<ul style="list-style-type: none"> Tecnica, Burns & McDonnell and NRT performed two test pits near the shed west of Area U on June 20, 2012. The two test pits confirmed source material was present, and the decision was made to relocate the shed and remove the material in this Potential Removal Area at a later date. Tecnica continued to place and compact backfill in Areas G, I, E, A, and B. Thatcher completed the removal of the anchor wall on Monday June 18, 2012. A total of 11 loads of Bed Ash were delivered to the site this week for soil amendment. Rusmar foam was utilized daily to mitigate odors, and woodchips were utilized as needed for additional odor control throughout the week. Excavated soils were loaded and transported to Waste Management's Laraway Road RDF landfill for disposal. A total of 11,557 tons of material was disposed of at the landfill bringing the overall project total to 181,143 tons. Utilized GPS to locate pertinent items and features. NRT conducted air monitoring activities for PM₁₀ through the use of DustTraks, 12-hour time-weighted samples for BTEX and Naphthalene through the use of SUMMAs, and real time VOC concentrations using PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"> DustTraks collected particulate data each day and data has been downloaded for analysis. Six post-excavation base samples (EB-89 through 94) were collected; two were collected in Area H and four were collected in Area I. These samples will be analyzed for constituents listed in the RAWP for post-excavation. Three SUMMA canisters were deployed on June 20, 2012 and sent to TestAmerica Laboratory for BTEX and naphthalene analysis. A sample of the wastewater effluent was collected on June 19, 2012 and provided to Environmental Monitoring & Technologies, Inc. (EMT) to verify compliance with the Metropolitan Water Reclamation District's (MWRD) discharge requirements.
NRT Field Personnel	Tim Norris, PG, Kyle Bareither, Ron Horan and Chris Musson
Equipment Deployed:	<p>SUMMA Canisters DustTraks PIDs Multi-gas meter</p>
Field Photos	See attached sheets

Additional site activities:





Water is being pumped from the open excavations as needed. Water is sent through the Water Treatment System and discharged into the City of Chicago sewer for discharge into the MWRD system.

NRT made the decision to amend material on the east side of the large City of Chicago sewer in the southwestern extent of Area Q, Area R and the potential removal area south of Area R based on a visual confirmation. This change resulted in approximately an additional 600 yards of material to be amended.

Work planned for the coming week, June 24, 2012 through June 30, 2012, is as follows:

- Take additional floor and wall samples in Areas I, M, K and J as they become available.
- Sample amended soil stockpiles to be analyzed for Benzene for disposal purposes as needed.
- Conduct Full Scale Air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation, post-amendment, and air sampling data from TestAmerica.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

A handwritten signature in black ink, appearing to read 'Tim Norris'.

Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report



Field Photos:



Photo 1: Tecnica excavating Area I.

Direction: Facing east

Photo Date: 6/18/2012

Photo Taken By: KJB



Photo 2: Tecnica dumping material to be amended on the amendment pad.

Direction: Facing southeast.

Photo Date: 6/19/2012

Photo Taken By: KJB



Photo 3: Tecnica utilizing Rusmar foam to mitigate odors from the material to be amended on the amendment pad.

Direction: Facing east.

Photo Date: 6/19/2012

Photo Taken By: KJB

Field Photos (continued):



Photo 4: Bed ash waiting to be utilized to amend material in Area HA.

Direction: Facing west.

Photo Date: 6/20/2012

Photo Taken By: KJB



Photo 5: Tecnica amending material in Area HA with bed ash.

Direction: Facing south.

Photo Date: 6/21/2012

Photo Taken By: KJB



Photo 6: View of the northern portion of Area I completed to design depth.

Direction: Facing east.

Photo Date: 6/22/2012

Photo Taken By: RJH